

## ABSTRACT OF THE DISCLOSURE

A gain flattening and tap device. A gain flattening filter for use in fiber-optic communications includes a substrate. A GFF film is formed on a first surface of the substrate. An HR film is formed on a second surface of the substrate. The HR film is arranged to receive light from the GFF film and to reflect at least some of the light back through the GFF film. By passing the light through the GFF film multiple times, the effectiveness of the GFF film is multiplied. Further, by constructing the HR film to allow portions of the light to pass through, a tap may be implemented with the GFF.

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WORKMAN NYDEGGER  
A PROFESSIONAL CORPORATION  
ATTORNEYS AT LAW  
1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111